DH-PFS4218-16GT-240

16-Port PoE Gigabit Managed Switch

Features

- Layer 2 network management PoE switch
- Support IEEE802.3af, IEEE802.3at standard
- Support Hi-PoE 60W
- Network Redundancy: STP/RSTP/MSTP
- Support IPv4/IPv6, and DHCP
- Network management based on SNMP
- Configuration: Web, Telnet, CLI Command
- QoS (IEEE802.1p/1Q), CoS/ToS to Increase Determinism
- Enhanced Network Security with IEEE802.1X, SNMP v1/v2c/v3, HTTPS, and SSH/SSL
- Large data cache(4M), real-time transmission
- MAC auto study and aging, MAC address list capacity is 8K
- EMC high protection design

Technical Specification

Model	DH-PFS4218-16GT-240
Ethernet Port	16*10/100/1000 Base-T (PoE power supply) 2*100/1000 Base-X
RS232 Serial Console	1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1
PoE Power Consumption	Port1 and port 2 support Hi-PoE 60W Each power ≤30W, Total≤240W
PoE Protocol	IEEE802.3af, IEEE802.3at, Hi-PoE
Switching Capacity	52Gbps
Packet Forwarding Rate	23.81Mpps
Packet Buffer Memory	4Mb
Application Humidity	5%~95%
Power	AC100-240V, 50/60Hz
Lightning Protection	Common Mode 2KV Differential Mode 1KV
Working Temperature	-10°C~55°C
Dimension(W×D×H)	440mm x300mm x44mm

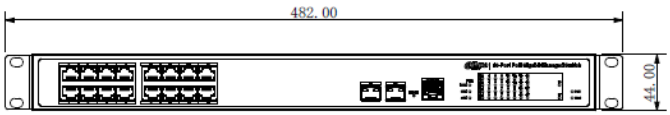
Accessories

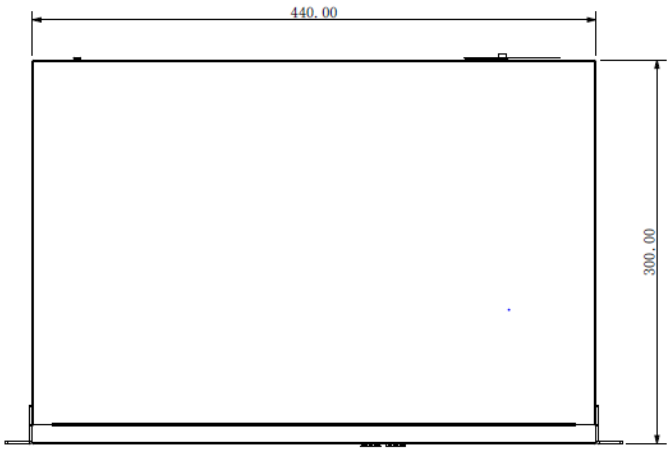
Model	
PFT3950	1.25G 850nm,500m,LC, Multi-mode
PFT3960	1.25G 1310/1550nm,20km,LC, Single-mode
PFT3970	1.25G 1550/1310nm,20km,LC, Single-mode

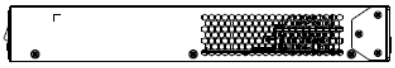
Service Characteristics

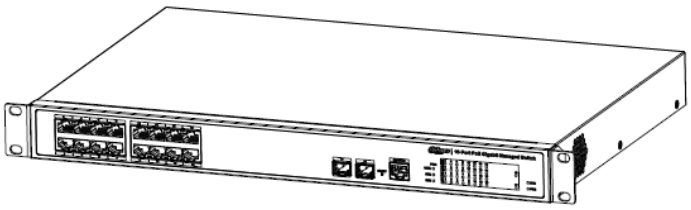
System	Username / password: admin/admin
	IP Address :192.168.1.110/24
PoE Budget	Total≤240W
MAC Table	8K
NTP	Support
DHCP	Support DHCP client/server
	Support DHCP snooping
VLAN	802.1Q Standard VLAN
Port Aggregation	Manual aggregation/LACP
Mirroring	Many-to-one port mirroring
Flow Control	Half-duplex based on back pressure type control; Full duplex based on PAUSE frame
Multicast	IGMP Snooping v1/v2/v3
Security Features	Users management, SSH, HTTPS, SNMP v1/v2/v3, ROMN, ACL, IP source guard, ARP inspection, 802.1x, loop protection
Spanning tree	Support STP/RSTP/MSTP
LLDP	Support
MAC Table	Support MAC address table configuration
QoS	Support QoS base on CoS/DPL/PCP/DEI Each port support 8 output queue Support port shaping Support port tag remarking Support QoS base on DSCP
System Maintenance	Support the configuration file upload/download Support the updated packet upload System log
Network Management	WEB(http protocol), serial, SNMP

Dimensions (mm)









Transmission Performance:

Switch power supply voltage 53V.
CAT5E/CAT6. Max. DC resistance < 10 Ω/100 m

Cable(m)	Load Capacity(W)	Bandwidth(Mbps)
IEEE802.3bt 90 W		
100	71.3	100
150	62	10
200	51	10
250	40	10
Hi-PoE 60 W		
100	53	100
150	50	10
200	47	10
250	37	10
IEEE802.3at 30 W		
100	25.5	100
150	25.5	10
200	25.5	10
250	25.5	10

Note: Data from this table was collected by Dahua test lab and is for reference only . The actual transmission distance may vary due to power consumption of connected devices or the cable type and status.